AMSAT News Service Weekly Bulletins
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SB SAT @ AMSAT $ANS-191.01
AMSAT JOURNAL HAS A NEW EDITOR

HR AMSAT NEWS SERVICE BULLETIN 191.01 FROM AMSAT HQ
SILVER SPRING, MD JULY 10, 1993
TO ALL RADIO AMATEURS BT
BID: $ANS-191.01

The AMSAT Journal Has A New Editor

AMSAT VP of Publications, Drew Deskur (KA1M), has announced the appointment of John Hansen (WA0PTV) as Editor of The AMSAT Journal. John takes over the Journal from Dr. Paul Urie (N7QOC). N7QOC, a surgical pathologist and has recently taken on more responsibilities at his job at the University of Utah at Provo and has found these new responsibilities prevent him from spending the time required to publish a quality publication.

WA0PTV, a long time AMSAT member, has been on the Editorial Staff of The AMSAT Journal for a number of months and has shown a keen interest in stepping up into the post of Editor. WA0PTV is the head of the Economics Department at the State University of New York at Fredonia. WA0PTV intends to focus on keeping the Journal a high quality publication, work at improving the distribution schedule, and look to find ways reduce the financial burden the Journal places on the AMSAT budget without reducing the quality.

WA0PTV would like to remind anyone interested in the Amateur Satellite program that the Journal is always looking for manuscripts for articles at all levels. Construction projects, operating aids, investigation into interesting phenomena all make good topics for the Journal. Manuscripts should be sent to WA0PTV home address at:

John Hansen (WA0PTV)
49 Maple Ave
Fredonia, NY 14063

You can also send your manuscripts to WA0PTV to his INTERNET mail address: wa0ptv@amsat.org. See page 3 of any AMSAT Journal for details on preferred format for article submission.

AMSAT would like to thank Dr. Paul Urie for the time and energy he has put into The AMSAT Journal over the past year. As is the case with all AMSAT volunteers, Paul gave freely of his time and talents and we wish John Hansen luck with his new responsibilities at his job.

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SB SAT @ AMSAT $ANS-191.02
WASHINGTON DC AMSAT MEETING

HR AMSAT NEWS SERVICE BULLETIN 191.02 FROM AMSAT HQ
SILVER SPRING, MD JULY 10, 1993
TO ALL RADIO AMATEURS BT
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Washington, D.C. Area AMSAT-NA Group To Meet

You are invited to attend the next semi-annual meeting of AMSAT members local to the greater Washington, D.C. area on Saturday, 17-JUL-93 at 1 P.M. EDT. The meeting will be held in the lobby area of the Intelsat Head-

quarters Building at 3400 International Drive in Washington, D.C. All topics relate to amateur radio and the amateur space program. The format will be a combination of presentations and informal "show 'n' tell" demonstrations. Advanced registration is not required for admission but it is necessary for each presentation or demonstration. Talk-in is on 146.910 (-) MHz FM. An agenda, directions, and other information can be obtained from Pat Kilroy (WD8LAQ) at (301) 731-8695.

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SB SAT @ AMSAT $ANS-191.03
AMSAT OPS NET SCHEDULE

HR AMSAT NEWS SERVICE BULLETIN 191.03 FROM AMSAT HQ
SILVER SPRING, MD JULY 10, 1993
TO ALL RADIO AMATEURS BT
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AMSAT Operations Net Schedule

AMSAT Operations Nets are planned for the following times. Mode-B Nets are conducted on AO-13 on a downlink frequency of 145.950 MHz.

Date	UTC	Mode	Phs	NCS	Alt NCS
17-Jul-93	1530	B	64	VE2LVC	W9ODI
24-Jul-93	1930	B	70	N7NQM	W5IU
31-Jul-93	1300	B	98	WB6LLO	WA5ZIB

Any stations with information on current events would be most welcomed. Also, those interested in discussing technical issues or who have questions about any particular aspect of OSCAR statellite operations are encouraged to join the OPS Nets. In the unlikely event that either the Net Control Station (NCS) or the alternate do not call on frequency, any participant is invited to act as the NCS.

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Slow Scan Television on AO-13

SSTV sessions will be held on immediately after the OPS Nets a downlink on a Mode-B downlink frequency 145.960 MHz.

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SB SAT @ AMSAT $ANS-191.04
WEEKLY OSCAR STATUS REPORTS

HR AMSAT NEWS SERVICE BULLETIN 191.04 FROM AMSAT HQ
SILVER SPRING, MD JULY 10, 1993
TO ALL RADIO AMATEURS BT
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Weekly OSCAR Status Reports: 10-JUL-93

AO-13: Current Transponder Operating Schedule:
L QST *** AO-13 TRANSPONDER SCHEDULE *** 1993 Jul 10-24
Mode-B : MA   0 to MA 25 !
Mode-S : MA 25 to MA 40 !<- Mode-S transponder; B Transp is OFF
Mode-B : MA 40 to MA 256 ! Attitudes Jul 10 140/0
Mode-   : MA   !   Jul 17 145/0
Mode-   : MA   !   Jul 24 150/0
Omnis   : MA 170 to MA 15 !
Please do not uplink to Mode-B between MA 25 through 40 as this will QRM the Mode-S users. Don't rely on gossip and rumor! Continuous up-to-date information about AO-13 operations is always available on the beacons on

145.812 MHz and 2400.646 MHz in CW, RTTY and 400 bps PSK. Also, these bulletins are also posted to INTERNET, ANS bulletins, Packet, PACSATs, etc., and can also be found in many international newsletters. [G3RUH/DB2OS/VK5AGR]

RS-10: The Mode-A transponder is working fine with good downlink power and telemetry. The best passes seem to be in the morning due to 10M openings later in the day. RS-10's Mode-A transponder passband frequencies are:

Uplink	145.860 - 145.900 MHz
Downlink	29.360 - 29.400 MHz
Beacon	29.358 MHz
Robot	29.403 MHz

About 25 watts EIRP is all that is needed inorder to put a good signal into RS-10. Also, this is a very easy bird to work while you are mobile. [WC9C]

AO-16: Operating normally. [WH6I]

UO-22: Operating normally. [WH6I]

KO-23: Operating normally. [WH6I]

FO-20: FO-20 continues to provide excellent service in both the digital (Mode-JD) and the analog (Mode-JA). The analog transponder is only available Wednesdays (GMT), with digital operations the remainder of the time. On all passes towards the end of the week there was a noticeable decrease in stations on the users list that were connected during LOS. Most users listed were active on the satellite. Currently, there are a few NODE stations operating that provide access to FO-20 using standard AX.25 packet stations. Use of these NODES has increased the number of users on FO-20, and allows packet operators experience on digital satellites without the expense of additional equipment. Information on setting up a NODE station is available from AMSAT Headquarters. [N0NBH]

ARSENE: JH1AOY would like to provide a ARSENE Mode-S equipment list for those wondering what his station consists of:

1) Mast mounted down-converter from 2446 MHz to 144MHz. The model UX-2400-OS(ARSENE) HEMT version from MAKI DENKI (ELECTRONIC) which is made in Japan.

2) Mast mounted pre-amlifier is model ERB-2400BGXH purchased from ELIET MUSEN (RADIO) made in Japan. ERB-2400BGXH has a Noise Figure (NF) of < 1.0 dB, GAIN > 25 dB.

3) JH1AOY's antenna is home built 2 meter diameter parabolic dish with a focus diameter ratio of 0.5 and 2.5 turns helical antenna feeding RHCP.

JH1AOY evaluated ARSENE's Mode-S signal level with that of with AO-13's Mode-S. When using sun noise as the basis of comparision, he found that AO-13's Mode-S signals were over 10 times stronger than the sun noise. However, ARSENE signal had about the same as the sun noise or less than sun noise. [JH1AOY]

The AMSAT NEWS Service (ANS) is looking for volunteers to contribute weekly OSCAR status reports. If you have a favorite OSCAR which you work on a regular basis and would like to contribute to this bulletin, please send your observations to WD0HHU at his CompuServe address of 70524,2272, on INTERNET at wd0hhu@amsat.org, or to his local packet BBS in the Denver, CO area, WD0HHU @ W0LJF.#NECO.CO.USA.NOAM. Also, if you find that the current set of orbital elements are not generating the correct AOS/LOS times at your QTH, PLEASE INCLUDE THAT INFORMATION AS WELL. The information you provide will be of value to all OSCAR enthusiasts.

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